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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Peter James DUFFETT-SMITH et al.

Group Art Unit:

Serial No.: Not yet assigned

Examiner:

Filed: Herewith

For: IMPROVEMENTS IN RADIO
POSITIONING SYSTEMS

INFORMATION DISCLOSURE STATEMENT

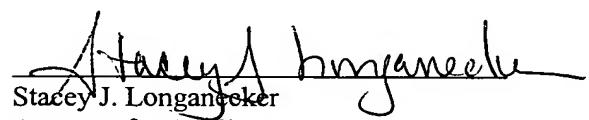
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97-1.98, Applicants hereby transmit copies of the foreign patent documents listed in the attached Form PTO-1449, which may be deemed material to the examination of the above-identified application.

The Examiner is requested to consider the attached documents in connection with the above-identified application and to return a copy of Form PTO-1449 to the Applicants with the Examiner's initials in the spaces provided.

Respectfully submitted,


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Dated: 16 December, 2004

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| Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | | | | | | | ATTY. DOCKET NO. 47944 | SERIAL NO. Not yet assigned |
| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) | | | | | | | | APPLICANT Peter James DUFFETT-SMITH et al. | |
| | | | | | | | | FILING DATE Herewith | GROUP |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | | | | | | | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|------------------|--|-----------------|---|---|---|---|---|---|--------|----------------------|-------|----------|----------------------------|
| | | 6 | 5 | 2 | 9 | 1 | 6 | 5 | 3/2003 | Duffett-Smith et al. | 342 | 463 | |
| | | 6 | 5 | 2 | 2 | 8 | 9 | 0 | 2/2003 | Drane et al. | 455 | 456 | |
| | | 6 | 3 | 4 | 2 | 8 | 5 | 4 | 1/2002 | Duffett-Smith et al. | 342 | 457 | |
| | | 6 | 2 | 7 | 5 | 7 | 0 | 5 | 8/2001 | Drane et al. | 455 | 456 | |
| | | 6 | 0 | 9 | 4 | 1 | 6 | 8 | 07/00 | Duffett-Smith et al. | 342 | 463 | |
| | | 5 | 8 | 3 | 8 | 2 | 7 | 9 | 11/98 | Duffett-Smith et al. | 342 | 459 | |
| | | | | | | | | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | | | | | | | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|--|--|-----------------|---|---|---|---|---|---|---------|----------|-------|----------|-----------------------|
| | | 1 | 3 | 0 | 1 | 0 | 5 | 4 | 04/2003 | European | H04Q7 | 38 | X |
| | | 1 | 1 | 8 | 5 | 8 | 7 | 8 | 03/2003 | European | G01S3 | 02 | X |
| | | 1 | 1 | 8 | 5 | 8 | 7 | 7 | 03/2003 | European | G01S3 | 02 | X |
| | | 1 | 2 | 7 | 8 | 0 | 7 | 4 | 01/2003 | European | G01S1 | 04 | X |
| | | 1 | 2 | 7 | 1 | 1 | 7 | 8 | 01/2003 | European | G01S5 | 10 | X |
| | | 1 | 2 | 5 | 5 | 1 | 2 | 2 | 11/2002 | European | G01S5 | 10 | X |
| | | 1 | 2 | 3 | 5 | 0 | 7 | 6 | 08/2002 | European | G01S5 | 10 | X |
| | | 1 | 1 | 1 | 8 | 8 | 7 | 1 | 07/2001 | European | G01S5 | 10 | X |
| | | 0 | 0 | 5 | 5 | 9 | 9 | 2 | 09/2000 | WIPO | H04B7 | 26 | X |
| | | 9 | 7 | 3 | 0 | 3 | 6 | 0 | 08/97 | WIPO | G01S5 | 14 | X |
| | | 9 | 9 | 1 | 1 | 0 | 8 | 6 | 03/99 | WIPO | H04Q7 | 38 | X |

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|--|---|
| | Duffett-Smith, PJ; MCNAUGHTAN, MD: "Precise UE Positioning in UMTS Using Cumulative Virtual Blanking", 3G Mobile Communication Technologies, 8-10 May 2002, Conference Publication No. 489, pages 355-359. |
| | Suzuki H. et al.; " An Orthogonal Successive Interference Canceller for the Downlink Communications in a DS-CDMA Mobile System ; Globecom'00, 2000 IEEE Global Telecommunications Conference, San Francisco, CA, Nov. 27 - Dec.1, 2000, New York, NY: IEEE, US, vol. 2 of 4, 27 Nov. 2000, pages 847-851. |

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.